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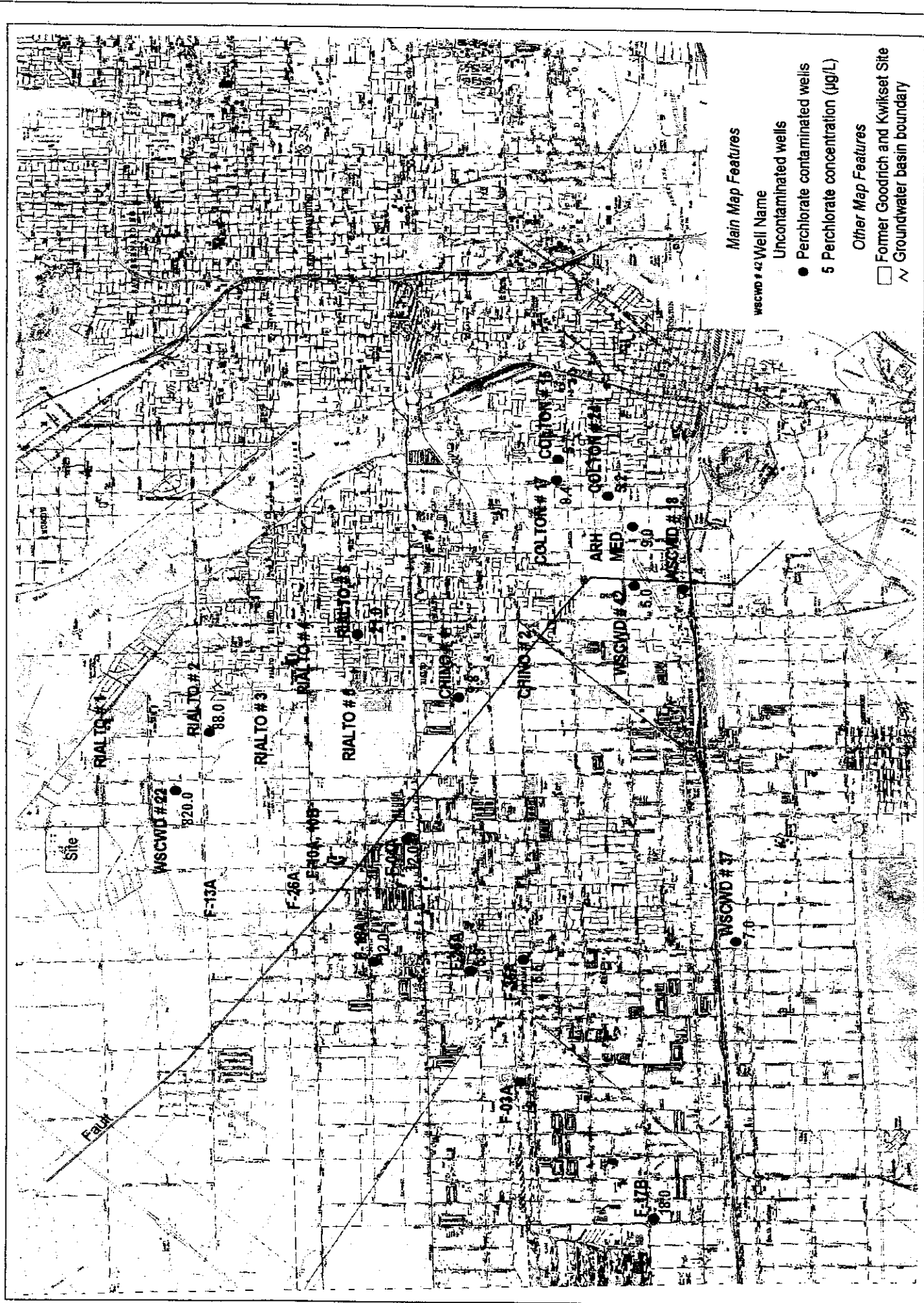
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ATTACHMENT 1

Well Location Map



WELL LOCATIONS AND PERCHLORATE CONCENTRATIONS

ATTACHMENT 2

Minutes from a November 12, 1987 meeting held by the
Rialto Fire Department



City of Rialto *California*

FIRE DEPARTMENT

~~ROBERT K. RUDOLPH~~

Acting Fire Chief
Henry S. Lewis

November 3, 1987

Mr. Ralph Apple
Red Devil Fireworks Company
3196 North Locust
Rialto, California 92376

Dear Mr. Apple:

You are invited to attend and participate at a meeting hosted by the City of Rialto on Thursday, November 12, 1987, at 2:00 P.M. The meeting will be held at the Rialto Fire Department (in the training/conference room) 131 South Willow Avenue, Rialto, California.

The purpose of this meeting is to allow discussion with elected City officials and representatives of other City departments regarding the recent explosions which occurred at Trojan and Celebrity Fireworks Companies.

Please contact Senior Fire Inspector Sam Gutierrez at (714) 820-2508 with the name and title of your respective representative.

Sincerely,

Henry S. Lewis
Acting Fire Chief

/c

AP 01057

JOINT MEETING HELD ON NOVEMBER 12, 1987
BETWEEN CITY OF RIALTO OFFICIALS AND
FIREWORKS COMPANY REPRESENTATIVES

ATTENDEES: Joe Aklufi, Attorney representing Schultz Trust
Ralph Apel, Red Devil
Greg Beach, San Bernardino County DEHS
Gene Baguley, Aerojet Ordinance
Homer Bludau, City of Rialto City Administrator
Jerry Brower, Broco, Inc.
Stuart Carlton, Trojan Fireworks
Dean Collister, Pyro-Spectaculars
Leon Cuthbert, Aerojet Ordinance
Ray Farmer, City of Rialto Police Chief
Henry Lewis, City of Rialto Acting Fire Chief
Tom McVeitty, City of Rialto Fire Division Chief
Bill Page, Celebrity Fireworks
Tom Peters, Trojan Fireworks
Jim Smith, San Bernardino DEHS
Earl Snowball, San Bernardino County Sheriff's
Explosives Detail
Robert Souza, Pyro-Spectaculars
Rod Taylor, City of Rialto Planning
Chuck Wideen, San Bernardino County Sheriff's
Explosives Detail

Division Chief Tom McVeitty opened the meeting at 2:05 P.M., and everyone introduced themselves.

Mr. Bludau explained that the two recent explosions generated a lot of interest from the citizens who have demanded we close the fireworks plants down. Due to this outcry, the City Council has directed the staff to look into this and bring recommendations back to the City Council. Citizens who left their name and addresses will be notified when a meeting has been scheduled to discuss this further. Prior to that meeting we called this meeting so you can be prepared as to any recommendations. Last week we met with the regulatory agencies involved and had very good input. This week we are asking for your recommendations and help. Specifically, we would like an inventory of how much is stored and where, transportation of explosives in and out of that area and any suggestions you may have.

Each representative talked about their operation (storage, manufacture, etc.)

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Red Devil: The Fire Department has a good handle as to who is doing what in this area. It has been a pleasure working with them--they ask questions and have done a very good job of compiling information.

We are importers and distributors of Class "C" fireworks--import from out of state, China and Taiwan. We have an inventory of fireworks stored year around--February through June is the bulk. It is stored in a warehouse above-ground, concrete tilt-up, sprinklered building. There is no raw material in storage; some chemicals left but we are in the process of selling it--very little left. Total pounds are unknown and no black powder is in storage. Finished goods stored weigh different amounts and it is difficult to place a poundage on it. I will provide you with a copy of our business plan.

We can probably store 100,000 cases--cases vary from five pounds to thirty-five pounds. The maximum amount allowed for Class "C" fireworks is 75 grams for a single finished product.

Most transportation occurs when we receive imports and ship to our warehouse (between February and July). Semi-trailers are not used for storage.

We have approximately 100 acres and 75-80 buildings--most are not used. Five buildings are used for storage (four tilt-up and one warehouse). We have one long-term lease; one short-term lease to Pyro-Spectaculars; and one short-term lease to a trucking company. We own the 100 acres and lease two bunkers. Our lease with Pyro-Spectaculars states that they would be responsible for any permits they need for their business.

We have a security system monitored year around and a fire system. Monitored system is a detection device on all doors and infra-red lights. No security guards on duty--line drivers have a guard posted at the gate. There are four ingresses to our 100 acres all chained and padlocked. We now have a security guard during nonworking hours (nights and weekends). We have sold 50-60 acres and this is completely separate from our existing 100 acres.

Red Devil has been there since 1967.

Trojan Fireworks: Most aspects of our operation is import and distribution of Class "C" fireworks done at our warehouse in Norwalk. Rialto is a manufacturing plant for Class "C" fireworks. We have a big line of display items--we do not make shells. We do stage effects (e.g., Miami Vice, etc.)

We have five acres within the fence--all manufacturing. We have three bunkers for storage and preparation of shell-type aerial displays (for July 4, schools, etc.). One bunker everything we use is stored; one bunker is backup storage; and one bunker has partially completed items.

Transportation varies--most around July 4--twice a week on the average. The weight of storage is approximately 30,000 to 40,000 pounds in the display bunker--in the Fall 10,000 to 15,000 pounds. The display backup bunker has less--approximately 20,000 to 30,000 pounds; the other bunker about 50,000 pounds.

AP 01059

We have about 30 people and do not do background checks. The factory workers are interviewed carefully but no background checks. We have a psychiatrist whose services we use and asked him if there is a way to tell if an employee was suicidal and he said it would be difficult and take two to three hours to determine.

We have a fence and guard dogs, burgular alarm and lights at night. The display bunker has the building fronting it alarmed. We hire security guards during the busy time of year. The bunkers are identified by letters/numbers. We own the five acres and do not sub-lease. We lease the bunkers from Mr. Hayward (one and one-half) and Schultz Trust (one and one-half).

We have a set of keys locked in the office. No one has keys to the bunkers. If an employee took a set of keys we would know by the end of the day because all keys must be accounted for.

We store a maximum of 20,000 to 30,000 pounds of chemicals.

Trojan has been there since 1971.

Mr. Aklufi: The Schultz Trust estate hold 95 acres--four to five major tenants. Primarily for leasing magazines. Terms of leases vary (two to three years) and renewed periodically with options. No long-term leases but Aerojet has a five-year lease with options. We have an insurance clause on all that they are to abide by all State and Federal laws.

Aerojet Ordinance:

We have six bunkers for storage only. Five bunkers are used for propellant storage and one is used for high explosives storage. No raw material storage; assembly of all Ordinance material is in Chino. We have 23,000 pounds in one bunker of high explosives; everything else is propellant.

The explosives material is very expensive and we are attempting to sell it or will take it back to our Chino facility. May bring in buildings approved by DOD or will get rid of it. Once that is out we are primarily a storage facility. The people who go down there are licensed and are a select group. We have absolute control of entrance. Fencing and sensing devices. We do not handle raw materials. We increase our storage capability at Chino and no delivery is made to the Rialto facility.

We tried to make a deal with the Navy to get rid of the explosives but they backed out because of the liability. Only other way to get rid of this is to destroy with a permit from the DOD and AQMD.

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The propellant is double base Class "B". Not a mass detonator (like black powder or explosives). Very little propagation to the other bunkers. Propellant is stored under DOD.

We have approximately five acres (five bunkers) with seven foot fence and barbed wire all around. We had one attempted break-in in 1972 (shot the locks and used a crowbar but were not successful). Since we put up the fence we have had no problems at all. We have a sensing light monitor by the gate twenty-four hours a day.

The explosives will be gone within 90 days--will either move it to Chino or sell it. We will still keep our leases for propellant storage. Two of the bunkers have 200,000 pounds of Class "B" propellant; they all usually have 80,000 pounds.

It is inspected every Monday morning for vandalism

(A scale from the DOD manual was given to Chief Farmer). There are no significant environmental hazards--toxic vapors and fumes dissipate almost immediately.

Broco, Inc: We have three specific sites--four magazines (two have explosives of 1.1) and the other two have chemicals/oxidants. They have triple locks. The facility manager has one set of keys and one set for the assistant. Keys are in the office in the safe. We control the access to the magazines very carefully. There are three to four people working in the area (shipping and receiving).

We have a line of dry goods--welding rods, torches, etc.) We have a guard at night and weekends. We put an alarm system on the buildings (a magazine was broken into once and tools only were stolen).

One magazine has very miniscule amount of explosive (used for movie effects). Manufacturing is not done in buildings. Magazines are used for storage only. We use oxidizers (like organic peroxides). We are in the magazine daily and inspect on a regular basis.

We do not have fences in the lower area except in specific areas (the lab and trailers). Access can be made from Stonehurst or from the north at Riverside or Sierra. There is not an overall perimeter fence. The five acres around the Schultz Trust is completely fenced and alarmed. We have had a guard there since the explosion (after the people leave in the afternoon until they arrive in the morning). The Guards are licensed and contracted through Williams (I think--will get it for you for sure). The Locust Plant has 10-12 people (but not a guard)

No sub-leases and most of my people have been with me many years. We manufacture welding rods and underwater cutting rods. We have a hazardous material disposal for hospitals--difficult to get approval to get rid of it. We follow rules of AQMD and TSD requirement. By-product for storage and manufacture is destroyed on site. We store and transport the hazardous material; manufacture and sell in Bloomington area.

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Celebrity: We had five acres (fenced) and nine people employed. Primarily Class "B" aerial fireworks. Stored chemicals equaled 10,000 to 12,000 pounds and up to 7,000 pounds of black powder; the rest was finished shell--10,000 to 30,000 pounds of finished product. We had two sets of keys; one for me and one for the foreman. Only manufactured Class "B" other than the black powder we had on hand. We have one trailer left that has some salvage in it. We are out of business except what we are storing in a trailer. The trailer has been there one to two years; hot waste two to three years. It has been in the trailer as hot waste material for the last year. We had been burning it on-site until we found out we were not supposed to. We never had a conditional permit except for Trojan.

Celebrity has been there for three years; Broco over twenty-five years.

City of Rialto Fire Department: We have been working with the facilities regarding the 90 days allowable for storage of waste.

City of Rialto Planning Department: The area is zoned M-2 which allows for manufacture and storage of explosives (subject to a public hearing). As long as the bunkers are existent and no new facilities are built (which require a building permit) just a business license is required.

Pyro-Spectaculars: We have public display Class "B" and are importers/exporters/wholesalers; generally wholesalers and licensed with the State.

We have 25 acres--fire alarm system and office has alarm system. We keep an accurate inventory on our computer. A printout can tell the quantity of Class "B" or "C" materials at any given time. We submitted a map to the Fire Department and identified each bunker.

The security on the storage bunker is double lock. We had one break-in fifteen years ago but they didn't touch anything.

We have fifteen workers and five to six people have access to the keys. We do not manufacture--we are wholesalers--public display operators. We have above-ground storage facilities and two bunkers.

We transport in and out daily. Responsible agency is CHP and they are quite stringent on vehicles and have approved routes. Approved routes are freeways to Highland to Locust or freeway to Sierra to Highland (Alder is not approved now). There are no approved vehicle stops for trucks transporting explosives in Rialto. Tri-State stop is approved for Tri-State trucks only.

AP 01062

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Are you doing anything different since the last explosion to make your operations more safe?

Broco, Inc. was spokesman for everyone represented and said that since the last explosion a guard was hired to walk and ride the area and we all contribute to this system and I think we will continue to do so (although we have not discussed it). (It was generally felt that an on-site guard would be continued). (Pyro-Spectaculars discontinued around-the-clock security several months ago.) We do not have authority to expell anyone who is up there hunting. We do not want to set restrictions from others firing guns as it may also restrict us firing on our own range.

We need to look at overall fencing of the area. We are talking about a tremendous outlay as far as the fencing is concerned.

City of Rialto Police Department: This may be something you have to address as this community moves north.

When the Police Department goes in they don't know who is in charge or how to reach a supervisor. The area is not clearly marked and there is delay.

(The Fire Department has maps with each company marked.)

The fireworks representatives felt they had been there longer than the property owners, however, it was pointed out that as houses are built closer to the fireworks facilities, the company must take the position to protect the people and the houses.

Mr. Aklufi noted that these facilities are the largest in the Southwest and provide revenue and jobs for the City of Rialto and that perhaps this area should be planned as an industrial area.

Mr. Bludau and Division Chief McVeitty each explained that even though it would make life easier if the fireworks plants were relocated, we must look at everyone's position. Just as Celebrity's business has been turned upside down because of one individual's actions, so has the City's. We are all here to come up with ideas and recommendations to solve the problem in the best interest of everyone.

The fireworks representatives were concerned that any changes would be justified and cost effective and wanted to know what the bottom line was from the regulatory agencies.

Keep the quantities down.

Police Chief Farmer said that there will be a lot of public and political resistance to any expansion and suggested that the companies need to start thinking about public relations. "We all know that the suicide was a freak accident, but we have to convince the public." Whether you like it or not, there will be 8,000 to 10,000 people living next to you and children will be going to school 2500 yards away. You will need to take these things into consideration.

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Celebrity Fireworks was concerned as to when the building restrictions will be lifted and were told that a public hearing on the moratorium is scheduled for next Tuesday and it can be extended.

Mr. Brower expressed concern about any delay and asked for the City's help. He also suggested that everyone could put up fences, incorporate a roving patrol and keep everyone out who does not belong.

The City felt that this would be a big step.

There was concern from the fireworks representatives about building houses close to the dump and was told that the dump is in Fontana and Rialto does not have any houses closer than one-half mile.

Division Chief McVeitty said according to ATF, the American Table of Distance allows 2800' to build homes to the nearest bunker, but ATF feels we should double that and reiterated that if someone builds in that area then it is the individual company's responsibility to make sure that the area is safe for the people.

The fireworks representatives feel like it is "we against they" and want the City's help and said they will help by working together. Where can they start?

Division Chief McVeitty said we are not in a position to make recommendations today but does feel that the first two issues will be:

1. Limit new construction to whatever existed at a certain date.
2. Security.

Mr. Jerry Brower did not feel that limiting construction would be acceptable.

Mr. Apel felt that this industry is being made the scapegoat--perhaps the developer can be made to put up block walls, etc.

Mr. Brower said Bill Page (Celebrity) needs help now.

It was suggested that everyone come to the meeting on Tuesday night (November 17, 1987 at 6:00 P.M.) and let the City Council know that some consideration needs to be given to the people now and perhaps the moratorium should be on future expansion.

Pyro-Spectacular asked if Sam could give them some clarification on burning permits.

Mr. Aklufi asked what our next step would be.

Division Chief McVeitty said we would meet again, but it will probably be a month or two.

AP 01064

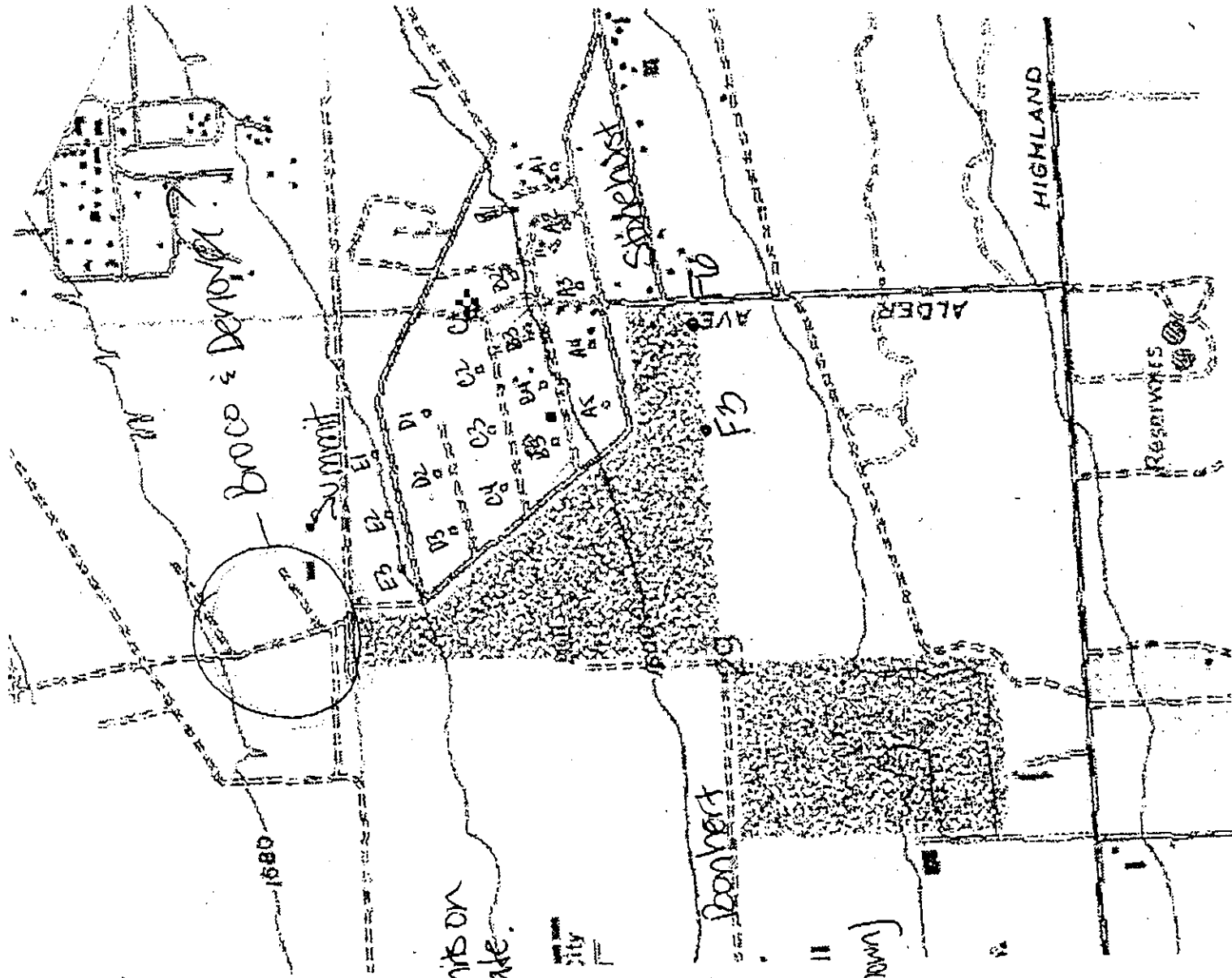
ATTACHMENT 3

Plot Plan showing the former configuration and lessors of
bunkers on property adjacent to the MVSL

41 Zambelli fireworks

- | | Category | Notes |
|----|------------------------------------|--------------------|
| A2 | Unknown | |
| A3 | Pyro Spectacular | |
| A4 | Celebrity Fireworks | |
| A5 | Pyro Spectacular | |
| B1 | Astro Fireworks | Maxwood properties |
| B2 | Astro Fireworks | Trojan Fireworks |
| B3 | Broco | |
| B4 | Broco | |
| B5 | Broco | |
| C1 | Pyro Spectacular | |
| C2 | Broco | |
| C3 | Aerjet | |
| C4 | Aerjet | |
| D1 | Aerjet | |
| D2 | Aerjet | |
| D3 | Aerjet | |
| E1 | Astro Fireworks / Trojan Fireworks | |
| E2 | Pyro Spectacular | |
| E3 | Marygaff Dupont-King (Type of) | |

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